

California Regional Water Quality Control Board
Santa Ana Region

ORDER NO. 81-3

36-AA-0054

Waste Discharge Requirements
for the
County of San Bernardino
Solid Waste Management
Milliken Sanitary Landfill

The California Regional Water Quality Control Board, Santa Ana Region (hereinafter Board), finds that:

1. The County of San Bernardino, Solid Waste Management (hereinafter discharger) presently operates the Milliken Sanitary Landfill site under waste discharge requirements contained in Resolution 66-1.
2. The discharger proposes to expand the landfill site from 106 to 196 acres (43 to 79 hectares). The site is located in a portion of Section 36, T1S, R7W, SBB&M.
3. On March 3, 1980, the discharger submitted a completed report of waste discharge for the 90-acre (36-hectare) expansion.
4. The expansion will extend the life of the landfill by 15 years and provide disposal facilities for an additional 8 million cubic yards (6 million cubic meters) of Groups 2 and 3 solid wastes.
5. Included in the waste to be disposed of will be sewage grit and screenings from sewage treatment plants within the County. These wastes will be required to be segregated so as not to be accessible to the public and be limited in their moisture content.
6. This disposal site meets the criteria contained in the California Administrative Code, Title 23, Chapter 3, Subchapter 15, for classification as a Class II-2 disposal site suitable to receive Group 2 and Group 3 wastes.
7. The Water Quality Control Plan for the Santa Ana Basin was adopted on April 11, 1975, and this order implements the water quality objectives stated in the Plan.
8. The disposal site overlies the Chino II Groundwater Subbasin.
9. The beneficial uses of the Chino II Groundwater Subbasin include:
 - a. Municipal and domestic supply,
 - b. Agricultural supply,
 - c. Industrial process supply, and
 - d. Industrial service supply.

10. The County of San Bernardino has issued a final EIR for this project and found it to have no significant environmental effects. The Regional Board has reviewed the EIR and finds that this project will not cause adverse environmental impacts on water quality if conducted in accordance with the limitations and provisions of this order.
11. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge.
12. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED that the San Bernardino County Solid Waste Management shall comply with the following:

A. Discharge Specifications

1. The treatment or disposal of waste shall not cause a pollution or a nuisance as defined in the California Water Code.
2. The disposal area(s) shall be protected from any washout or erosion of wastes or covering material, and from inundation, which could occur as a result of floods having a predicted frequency of once in 100 years.
3. Surface drainage from tributary areas, and internal site drainage from surface or subsurface sources shall not contact or percolate through Group 2 wastes discharged at the site. Group 1 wastes shall not be deposited at this site.
4. Group 2 waste materials shall not be discharged on any surface which is less than elevation 725 feet, USGS Datum.
5. All sewage treatment plant residues must be segregated from public access and shall not have a moisture content greater than 50%.
6. No liquid wastes in excess of liquids received with household refuse shall be accepted at this site, and water used during disposal site operations shall be limited to a minimal amount reasonably necessary for dust control purposes, fire suppression, and minor maintenance.
7. Prior to start of the rainy season, adequate cover shall be placed over all lifts except the active face. The covered lifts shall be graded to prevent ponding and percolation of surface water into the waste material.
8. Annually, prior to the anticipated rainfall period, all necessary runoff diversion channels shall be in place to prevent erosion or flooding of the site.

9. Runoff from tributary, irrigated areas shall not be allowed to flow into Group 2 wastes or areas containing Group 2 wastes.
10. No Group 2 wastes shall be placed in ponded water from any source whatsoever.
11. The discharger shall remove and relocate any wastes which are discharged at this site in violation of these requirements.
12. The discharge of waste to surface drainage courses or to usable groundwater is prohibited.

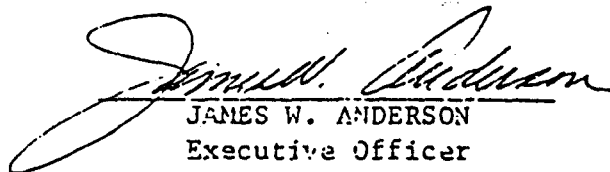
B. Provisions

1. The discharger should maintain a copy of this order at the site so as to be available at all times to site operating personnel.
2. The discharger shall file with this Board a report of any material change or proposed change in the character, location, or quantity of this waste discharge. For the purpose of these requirements, this includes any proposed change in the boundaries, contours, or ownership of the disposal area(s).
3. The discharger shall comply with Monitoring and Reporting Program No. 81-3.
4. The discharger shall file a written report within 90 days after the total quantity of wastes discharged at this site equals 75 percent of the reported capacity of the site. The report shall contain a schedule for studies, design, and other steps needed to provide additional capacity, or the total quantity discharged may be limited to the reported capacity.
5. Ninety (90) days prior to discontinuing the use of this site for waste disposal, the discharger shall submit a technical report to the Board describing the methods and controls to be used to assure protection of the quality of surface (and groundwaters) waters of the area during final operations and with any proposed subsequent use of the land.

This report shall be prepared by or under the supervision of a registered engineer or a certified engineering geologist. The method used to close the site and maintain protection of the quality of surface and groundwaters shall be approved by the Executive Officer of the Board.
6. This Board considers the property owner to have a continuing responsibility for correcting any problems which may arise in the future as a result of this waste discharge or water applied to this property during subsequent use of the land for other purposes.

7. Resolution 66-1, the present waste discharge requirements for this site, is hereby rescinded.
8. Facilities necessary to comply with Discharge Specifications A.2., 3, 6, 7, and 8 shall be in place before September 15 of each year.

I, James W. Anderson, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an order adopted by the California Regional Water Quality Control Board, Santa Ana Region, on January 9, 1981.


JAMES W. ANDERSON
Executive Officer

California Regional Water Quality Control Board
Santa Ana Region

Monitoring and Reporting Program No. 81-3
for
County of San Bernardino
Solid Waste Management
Milliken Sanitary Landfill

Monitoring

1. A log of the type of all material, and the amount of each type, shall be maintained for the landfill site.
2. Facilities necessary to comply with Discharge Specifications A.2., 3, 6, 7, and 8 shall be evaluated as to their adequacy by the 15th of September.

Reporting

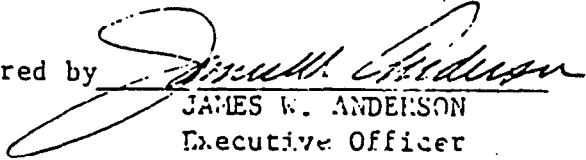
1. Monitoring reports shall be submitted in accordance with the following schedule:

<u>Reporting Period</u>	<u>Report Due</u>
December-January-February	March 15
March-April-May	June 15
June-July-August	September 15
September-October-November	December 15

2. The monitoring reports shall include the following:
 - a. A summary of the types of wastes, and the tonnage of each type, deposited at the site during each month of the reporting period;
 - b. A certification that all wastes were disposed of in compliance with Board requirements, including the segregation and moisture content requirement for the sewage treatment plant residues; and
 - c. The percent of the site capacity which remains and the estimated date of closure for the site.
3. A certification that all wastes discharged at the site were in compliance with Board requirements, including any problems developed during the monitoring period and the mitigating efforts provided to correct the problems.
4. The September 15 report shall include the results of the September evaluation and all corrective work required if noncompliance is reported.

5. All reports shall be signed by a responsible official or authorized representative of the County of San Bernardino Solid Waste Management and submitted under penalty of perjury.

Ordered by


JAMES W. ANDERSON
Executive Officer

January 9, 1981